1600

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING   DATE: 11/01/2002   *Error on p. 2;*
. PATENT APPLICATION: US/09/281,760D   TIME: 12:37:08   *with corrected*
                                                            errors after p. 7.

              Input Set : A:\PTO.DC.txt
              Output Set: N:\CRF4\11012002\I281760D.raw

   4 <110> APPLICANT: Lawton, Robert
   5   Mermer, Brion
   6   Francoeur, Greg
   9 <120> TITLE OF INVENTION: Specific Binding Protein for Treating
  10   Canine Allergy
  12 <130> FILE REFERENCE: 01-1275A
  14 <140> CURRENT APPLICATION NUMBER: 09/281,760D
  15 <141> CURRENT FILING DATE: 1999-03-30
  17 <150> PRIOR APPLICATION NUMBER: 09/058,331
  18 <151> PRIOR FILING DATE: 1998-04-09
  20 <160> NUMBER OF SEQ ID NOS: 39
  22 <170> SOFTWARE: FastSEQ for Windows Version 3.0
  24 <210> SEQ ID NO: 1
  25 <211> LENGTH: 5
  26 <212> TYPE: PRT
  27 <213> ORGANISM: Canis familiaris
  29 <220> FEATURE:
  30 <221> NAME/KEY: PEPTIDE
  31 <222> LOCATION: (2)...(3)
  32 <223> OTHER INFORMATION: Xaa = any amino acid
  34 <400> SEQUENCE: 1
W--> 35 Leu Xaa Xaa Tyr Arg
  36   1   5
  38 <210> SEQ ID NO: 2
  39 <211> LENGTH: 5
  40 <212> TYPE: PRT
  41 <213> ORGANISM: Canis familiaris
  43 <220> FEATURE:
  44 <221> NAME/KEY: PEPTIDE
  45 <222> LOCATION: (3)...(4)
  46 <223> OTHER INFORMATION: Xaa = Any amino acid
  48 <400> SEQUENCE: 2
W--> 49 Tyr Arg Xaa Xaa Leu
  50   1   5
  52 <210> SEQ ID NO: 3
  53 <211> LENGTH: 8
  54 <212> TYPE: PRT
  55 <213> ORGANISM: Canis familiaris
  57 <220> FEATURE:
  58 <221> NAME/KEY: PEPTIDE
  59 <222> LOCATION: (2)...(3)
  60 <223> OTHER INFORMATION: Xaa = Any amino acid
  62 <221> NAME/KEY: PEPTIDE

```
                    RAW SEQUENCE LISTING              DATE: 11/01/2002
                    PATENT APPLICATION:  US/09/281,760D    TIME: 12:37:08

                    Input Set : A:\PTO.DC.txt
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```

        63 <222> LOCATION: (5)...(6) — Xaa found at positions 6 + 7!
        64 <223> OTHER INFORMATION: Xaa = Any amino acid
W--> 66 <400> 3
W--> 67 Leu Xaa Xaa Tyr Arg Xaa Xaa Leu
        68   1   5
        70 <210> SEQ ID NO: 4
        71 <211> LENGTH: 7
        72 <212> TYPE: PRT
        73 <213> ORGANISM: Canis familiaris
        75 <400> SEQUENCE: 4
        76   Thr Leu Leu Glu Tyr Arg Met
        77   1   5
        79 <210> SEQ ID NO: 5
        80 <211> LENGTH: 11
        81 <212> TYPE: PRT
        82 <213> ORGANISM: Canis familiaris
        84 <400> SEQUENCE: 5
        85   Gly Met Asn Leu Thr Trp Tyr Arg Glu Ser Lys
        86   1   5   10
        88 <210> SEQ ID NO: 6
        89 <211> LENGTH: 9
        90 <212> TYPE: PRT
        91 <213> ORGANISM: Canis familiaris
        93 <220> FEATURE:
        94 <221> NAME/KEY: PEPTIDE
        95 <222> LOCATION: (2)...(3)
        96 <223> OTHER INFORMATION: Xaa = Any amino acid
        98 <221> NAME/KEY: PEPTIDE
        99 <222> LOCATION: (6)...(8)
        100 <223> OTHER INFORMATION: Xaa = Any amino acid
W--> 102 <400> 6
W--> 103 Cys Xaa Xaa Pro His Xaa Xaa Xaa Cys
        104   1   5
        106 <210> SEQ ID NO: 7
        107 <211> LENGTH: 16
        108 <212> TYPE: PRT
        109 <213> ORGANISM: Canis familiaris
        111 <400> SEQUENCE: 7
        112   Ser Val Thr Leu Cys Pro Asn Pro His Ile Pro Met Cys Gly Gly Gly
        113   1   5   10   15
        115 <210> SEQ ID NO: 8
        116 <211> LENGTH: 14
        117 <212> TYPE: PRT
        118 <213> ORGANISM: Canis familiaris
        120 <400> SEQUENCE: 8
        121   Ser Ala Cys Pro Asn Pro His Asn Pro Tyr Cys Gly Gly Gly
        122   1   5   10
        124 <210> SEQ ID NO: 9
        125 <211> LENGTH: 9

```

RAW SEQUENCE LISTING                    DATE: 11/01/2002
PATENT APPLICATION:  US/09/281,760D     TIME: 12:37:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\11012002\I281760D.raw

```
      126 <212> TYPE: PRT
      127 <213> ORGANISM: Canis familiaris
      129 <220> FEATURE:
      130 <221> NAME/KEY: PEPTIDE
      131 <222> LOCATION: (2)...(2)
      132 <223> OTHER INFORMATION: Xaa = Any amino acid
      134 <221> NAME/KEY: PEPTIDE
      135 <222> LOCATION: (5)...(5)
      136 <223> OTHER INFORMATION: Xaa = Any amino acid
W--> 138 <221> PEPTIDE
      139 <222> LOCATION: (7)...(8)
      140 <223> OTHER INFORMATION: Xaa = Any amino acid
W--> 142 <400> 9
W--> 143 Cys Xaa Pro His Xaa Pro Xaa Xaa Cys
      144 1   5
      146 <210> SEQ ID NO: 10
      147 <211> LENGTH: 14
      148 <212> TYPE: PRT
      149 <213> ORGANISM: Canis familiaris
      151 <400> SEQUENCE: 10
      152 Ser Ala Cys His Pro His Leu Pro Lys Ser Cys Gly Gly Gly
      153 1   5   10
      155 <210> SEQ ID NO: 11
      156 <211> LENGTH: 12
      157 <212> TYPE: PRT
      158 <213> ORGANISM: Canis familiaris
      160 <400> SEQUENCE: 11
      161 Val Thr Leu Cys Pro Asn Pro His Ile Pro Met Cys
      162 1   5   10
      164 <210> SEQ ID NO: 12
      165 <211> LENGTH: 17
      166 <212> TYPE: PRT
      167 <213> ORGANISM: Canis familiaris
      169 <400> SEQUENCE: 12
      170 Ser Val Thr Leu Cys Pro Asn Pro His Ile Pro Met Cys Gly Gly Gly
      171 1   5   10   15
      172 Lys
      175 <210> SEQ ID NO: 13
      176 <211> LENGTH: 7
      177 <212> TYPE: PRT
      178 <213> ORGANISM: Homo sapiens
      180 <400> SEQUENCE: 13
      181 Val Asn Leu Thr Trp Ser Arg
      182 1   5
      184 <210> SEQ ID NO: 14
      185 <211> LENGTH: 11
      186 <212> TYPE: PRT
      187 <213> ORGANISM: Felis catus
      189 <400> SEQUENCE: 14
```

RAW SEQUENCE LISTING                    DATE: 11/01/2002
PATENT APPLICATION:  US/09/281,760D     TIME: 12:37:08

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\11012002\I281760D.raw

```
190  Gly Met Thr Leu Thr Trp Ser Arg Glu Asn Gly
191   1               5                  10
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 11
195 <212> TYPE: PRT
196 <213> ORGANISM: Canis familiaris
198 <400> SEQUENCE: 15
199  Gly Met Asn Leu Thr Trp Ser Arg Glu Ser Lys
200   1               5                  10
202 <210> SEQ ID NO: 16
203 <211> LENGTH: 9
204 <212> TYPE: PRT
205 <213> ORGANISM: Canis familiaris
207 <400> SEQUENCE: 16
208  Cys Pro Asn Pro His Ile Pro Met Cys
209   1               5
211 <210> SEQ ID NO: 17
212 <211> LENGTH: 9
213 <212> TYPE: PRT
214 <213> ORGANISM: Canis familiaris
216 <400> SEQUENCE: 17
217  Cys Pro Asn Pro His Asn Pro Tyr Cys
218   1               5
220 <210> SEQ ID NO: 18
221 <211> LENGTH: 9
222 <212> TYPE: PRT
223 <213> ORGANISM: Canis familiaris
225 <400> SEQUENCE: 18
226  Cys His Pro His Leu Pro Lys Ser Cys
227   1               5
229 <210> SEQ ID NO: 19
230 <211> LENGTH: 9
231 <212> TYPE: PRT
232 <213> ORGANISM: Canis familiaris
234 <400> SEQUENCE: 19
235  Cys Ser Asn Pro His Val Thr His Cys
236   1               5
238 <210> SEQ ID NO: 20
239 <211> LENGTH: 9
240 <212> TYPE: PRT
241 <213> ORGANISM: Canis familiaris
243 <400> SEQUENCE: 20
244  Cys Ser His Pro His Leu Thr His Cys
245   1               5
247 <210> SEQ ID NO: 21
248 <211> LENGTH: 9
249 <212> TYPE: PRT
250 <213> ORGANISM: Canis familiaris
252 <400> SEQUENCE: 21
```

RAW SEQUENCE LISTING   DATE: 11/01/2002
PATENT APPLICATION: US/09/281,760D   TIME: 12:37:09

Input Set : **A:\PTO.DC.txt**
Output Set: **N:\CRF4\11012002\I281760D.raw**

```
253  Cys Ser Asn Pro His Ile Thr Gln Cys
254    1               5
256 <210> SEQ ID NO: 22
257 <211> LENGTH: 9
258 <212> TYPE: PRT
259 <213> ORGANISM: Canis familiaris
261 <400> SEQUENCE: 22
262  Cys Met Asn Pro His Ile Thr His Cys
263    1               5
265 <210> SEQ ID NO: 23
266 <211> LENGTH: 9
267 <212> TYPE: PRT
268 <213> ORGANISM: Canis familiaris
270 <400> SEQUENCE: 23
271  Cys Thr Asn Pro His Asn Pro Tyr Cys
272    1               5
274 <210> SEQ ID NO: 24
275 <211> LENGTH: 9
276 <212> TYPE: PRT
277 <213> ORGANISM: Canis familiaris
279 <400> SEQUENCE: 24
280  Cys Pro Asn Pro His Asn Pro Tyr Cys
281    1               5
283 <210> SEQ ID NO: 25
284 <211> LENGTH: 9
285 <212> TYPE: PRT
286 <213> ORGANISM: Canis familiaris
288 <400> SEQUENCE: 25
289  Cys His Pro His Leu Pro Lys Arg Cys
290    1               5
292 <210> SEQ ID NO: 26
293 <211> LENGTH: 17
294 <212> TYPE: PRT
295 <213> ORGANISM: Canis familiaris
297 <400> SEQUENCE: 26
298  Tyr Cys Arg Val Thr His Pro His Leu Pro Lys Asp Ile Val Arg Ser
299    1               5                10               15
300  Ile
303 <210> SEQ ID NO: 27
304 <211> LENGTH: 17
305 <212> TYPE: PRT
306 <213> ORGANISM: Homo sapiens
308 <400> SEQUENCE: 27
309  Gln Cys Arg Val Thr His Pro His Leu Pro Arg Ala Leu Met Arg Ser
310    1               5                10               15
311  Thr
314 <210> SEQ ID NO: 28
315 <211> LENGTH: 17
316 <212> TYPE: PRT
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 11/01/2002
PATENT APPLICATION: US/09/281,760D   TIME: 12:37:10

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\11012002\I281760D.raw

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 2,3
Seq#:2; Xaa Pos. 3,4
Seq#:3; Xaa Pos. 2,3,6,7
Seq#:6; Xaa Pos. 2,3,6,7,8
Seq#:9; Xaa Pos. 2,5,7,8
Seq#:33; N Pos. 136,413,414,451,460,461,462,500,530,568,847,848,849,853
Seq#:33; N Pos. 1382,1832
Seq#:33; Xaa Pos. 83,175,176
Seq#:34; Xaa Pos. 83
Seq#:35; Xaa Pos. 81,82

VERIFICATION SUMMARY   DATE: 11/01/2002
PATENT APPLICATION: US/09/281,760D   TIME: 12:37:10

Input Set : A:\PTO.DC.txt
Output Set: N:\CRF4\11012002\I281760D.raw

```
L:35 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:49 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:66 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:67 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:102 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:138 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:142 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:449 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:33,Line#:440
L:455 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:33,Line#:446
L:461 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:33,Line#:452
L:461 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:33,Line#:458
L:466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:120
L:486 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:367
L:487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:415
L:490 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:415
L:494 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:468
L:496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:528
L:518 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:832
L:519 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:880
L:562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:1374
L:594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:1772
L:689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:80
L:788 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35 after pos.:80
```